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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1. (Currently Amended) A method for displaying a medical image, the method comprising:
displaying a moving medical image of a beating heart in a first display area, wherein the medical image of the beating heart comprises a sequence of image frames;
displaying a plurality of image frames of the sequence of image frames of the medical image in a second display area, wherein the plurality of image frames are acquired at end-diastolic (ED) and end-systolic (ES) portions of the beating heart's cycle; and
displaying a data plot in a third display area;
wherein the first, second, and third display areas are simultaneously displayed.
2. (Original) The method of Claim 1, wherein a size of the image frames displayed in the second display area is smaller than a size of the medical image displayed in the first display area.
3. (Original) The method of Claim 1 further comprising:
 - (a) receiving a user selection in one of the first, second, and third display areas; and
 - (b) altering a display of at least one of the first, second, and third display areas in response to the received user selection.

4. (Original) The method of Claim 3, wherein (a) comprises receiving a selection of a point on the data plot in the third display area, and wherein (b) comprises:
 - displaying an indicator at the point selected on the data plot in the third display area;
 - displaying an image frame in the first display area corresponding to the point selected on the data plot; and
 - scrolling the plurality of image frames displayed in the second display area to the image frame corresponding to the point selected on the data plot.
5. (Original) The method of Claim 3, wherein (a) comprises receiving a selection of an image frame displayed in the second display area, and wherein (b) comprises:
 - displaying an indicator at a point on the data plot in the third display area corresponding to the selected image frame; and
 - displaying the selected image frame in the first display area.
6. (Original) The method of Claim 3, wherein (a) comprises receiving a selection of the medical image in the first display area, and wherein (b) comprises pausing the display of the medical image.
7. (Original) The method of Claim 3, wherein the receiving of the user selection in (a) suspends a medical image acquisition operation.
8. (Original) The method of Claim 3 further comprising, before (a), receiving a command to suspend a medical image acquisition operation.

9. (Original) The method of Claim 1 further comprising:
displaying a menu in a fourth display area.

Claim 10 (Cancelled)

11. (Original) The method of Claim 1, wherein the medical image comprises a live image.
12. (Original) The method of Claim 1, wherein the medical image comprises a recalled image.
13. (Original) The method of Claim 1, wherein the medical image comprises an ultrasound image.
14. (Original) The method of Claim 1, wherein the data plot comprises a graph of at least one of the following: end-diastolic volume, end-systolic volume, ejection fraction, stroke volume, stroke index, cardiac output, and cardiac index.
15. (Original) The method of Claim 1, wherein the first, second, and third display areas are displayed on a medical diagnostic image acquisition system.
16. (Original) The method of Claim 1, wherein the first, second, and third display areas are displayed on an image review system.

17. (Currently Amended) A method for displaying a medical image, the method comprising:
simultaneously displaying a moving medical image of a beating heart in a first display area, wherein the medical image of the beating heart comprises a sequence of image frames, and a plurality of image frames of the sequence of image frames of the medical image in a second display area, wherein the plurality of image frames are acquired at end-diastolic (ED) and end-systolic (ES) portions of the beating heart's cycle;
receiving a selection of an image frame in the second display area; and
displaying the selected image frame in the first display area.
18. (Original) The method of Claim 17, wherein a size of the image frames displayed in the second display area is smaller than a size of the medical image displayed in the first display area.
19. (Original) The method of Claim 17 further comprising displaying a data plot in a third display area, wherein the third display area is simultaneously displayed with the first and second display areas.
20. (Original) The method of Claim 19 further comprising displaying an indicator on the data plot corresponding to the selected image frame.
- Claim 21 (Cancelled)
22. (Original) The method of Claim 17, wherein the medical image comprises a live image.

23. (Original) The method of Claim 17, wherein the medical image comprises a recalled image.
24. (Original) The method of Claim 17, wherein the medical image comprises an ultrasound image.
25. (Original) The method of Claim 17, wherein the first and second display areas are displayed on a medical diagnostic image acquisition system.
26. (Original) The method of Claim 17, wherein the first and second display areas are displayed on an image review system.
27. (Currently Amended) A system for displaying a medical image, the system comprising:
at least one display device; and
a processor operative to:
simultaneously display a moving medical image of a beating heart in a first display area, wherein the medical image of the beating heart comprises a sequence of image frames, and a plurality of image frames of the sequence of image frames of the medical image in a second display area on the at least one display device, wherein the plurality of image frames are acquired at end-diastolic (ED) and end-systolic (ES) portions of the beating heart's cycle; and
in response to receiving a selection of an image frame in the second display area, display the selected image frame in the first display area.

28. (Original) The system of Claim 27, wherein a size of the image frames displayed in the second display area is smaller than a size of the medical image displayed in the first display area.
29. (Original) The system of Claim 27, wherein the processor is further operative to display a data plot in a third display area, wherein the first, second, and third display areas are simultaneously displayed.
30. (Original) The system of Claim 29, wherein the process is further operative to display an indicator on the data plot corresponding to the selected image frame.
- Claims 31 (Cancelled)
32. (Original) The system of Claim 27, wherein the medical image comprises a live image.
33. (Original) The system of Claim 27, wherein the medical image comprises a recalled image.
34. (Original) The system of Claim 27, wherein the medical image comprises an ultrasound image.
35. (Original) The system of Claim 27, wherein the at least one display device and processor are part of a medical diagnostic image acquisition system.

36. (Original) The system of Claim 27, wherein the at least one display device and processor are part of an image review system.